

Sheet 1 of 29

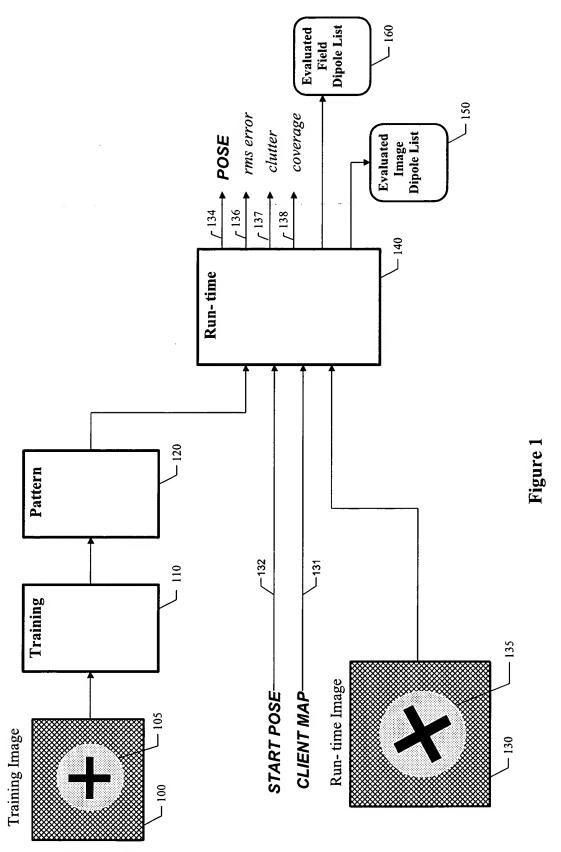
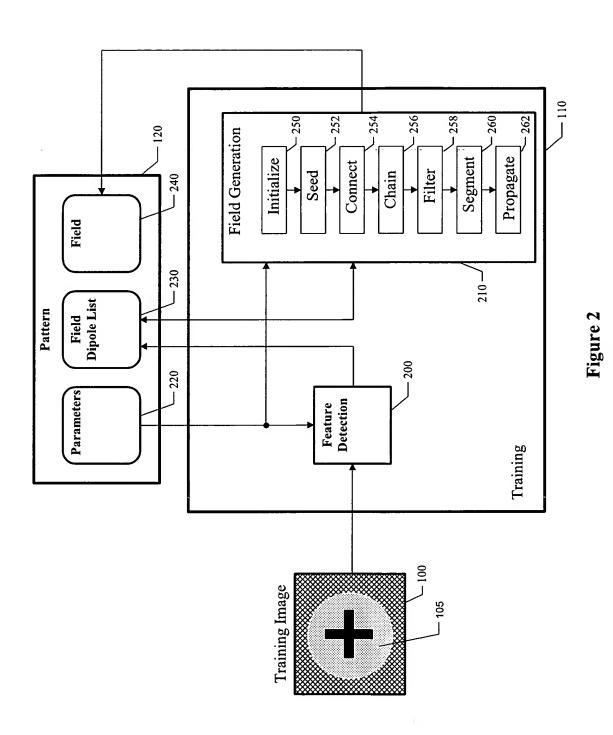


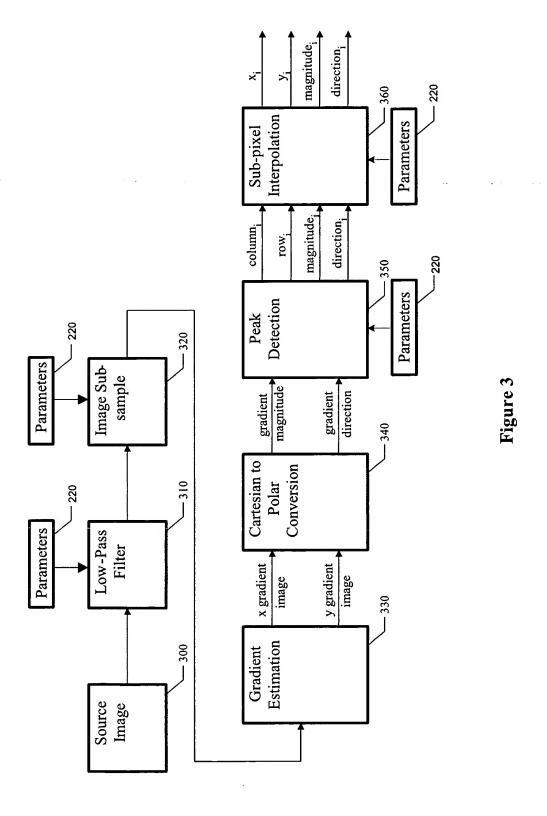
Figure 1A

10/705,298
Fast High-Accuracy Multi-Dimensional Pattern Inspection
Silver et al.

Sheet 3 of 29



10/705,298
Fast High-Accuracy Multi-Dimensional Pattern Inspection
Silver et al.
Sheet 4 of 29



Sheet 5 of 29

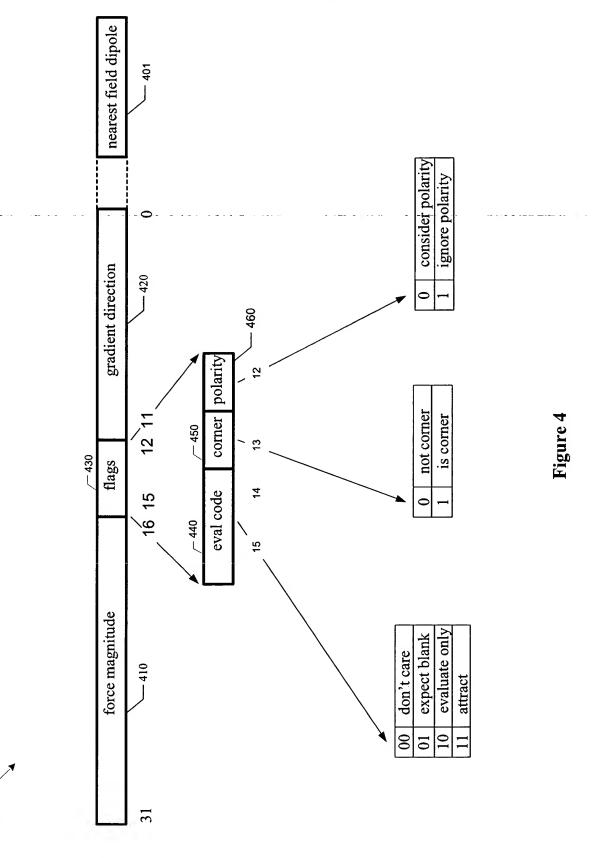
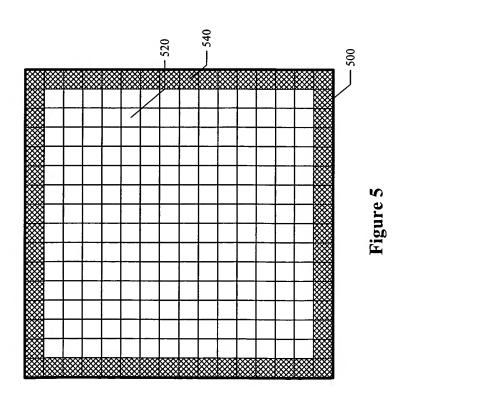
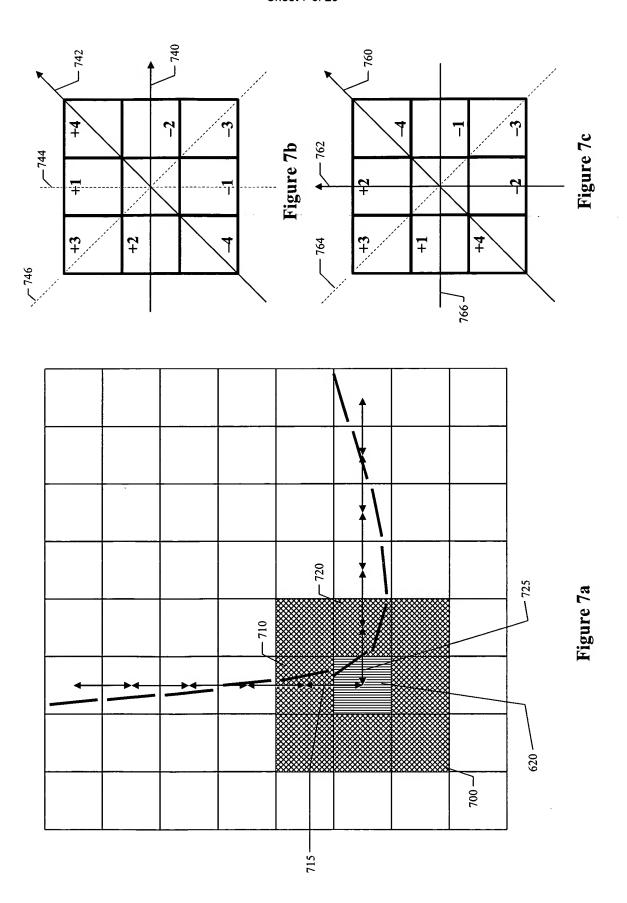


Figure 6



Sheet 7 of 29

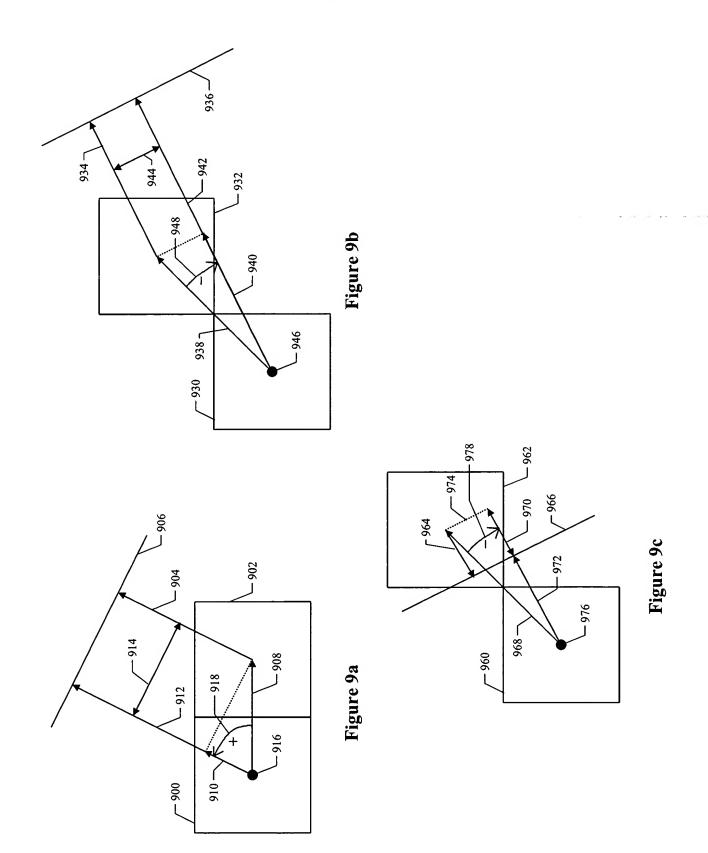


Sheet 8 of 29

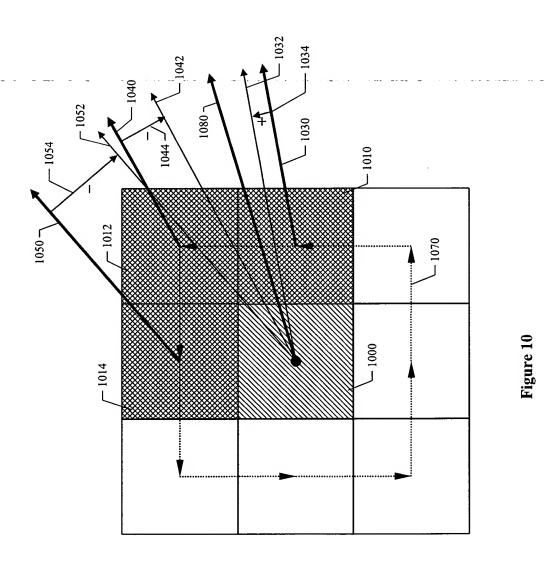
(
				840	
			• 1		
	- 820		•/	008	

Figure 8

Sheet 9 of 29



Sheet 10 of 29



Sheet 11 of 29

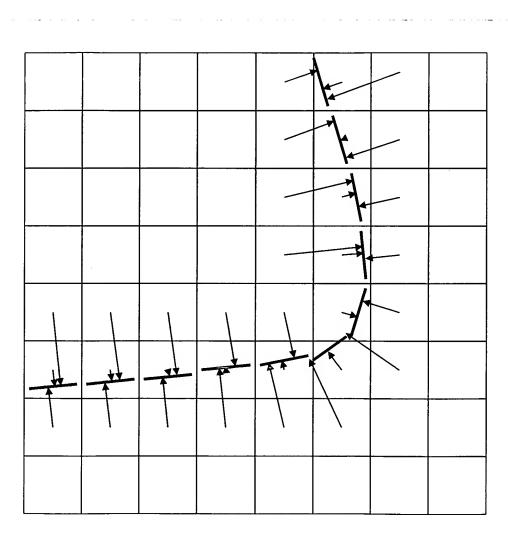


Figure 11

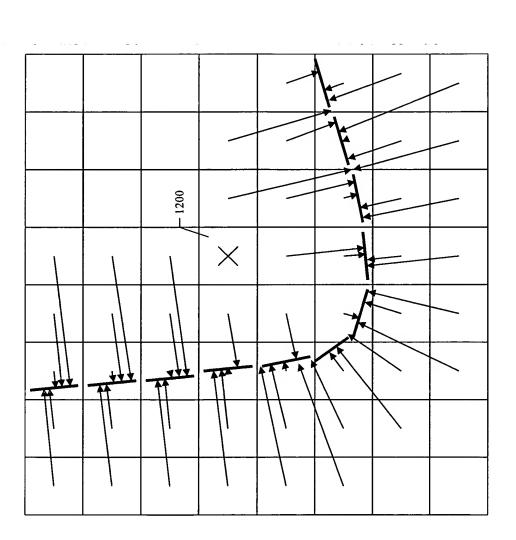


Figure 12

Sheet 13 of 29

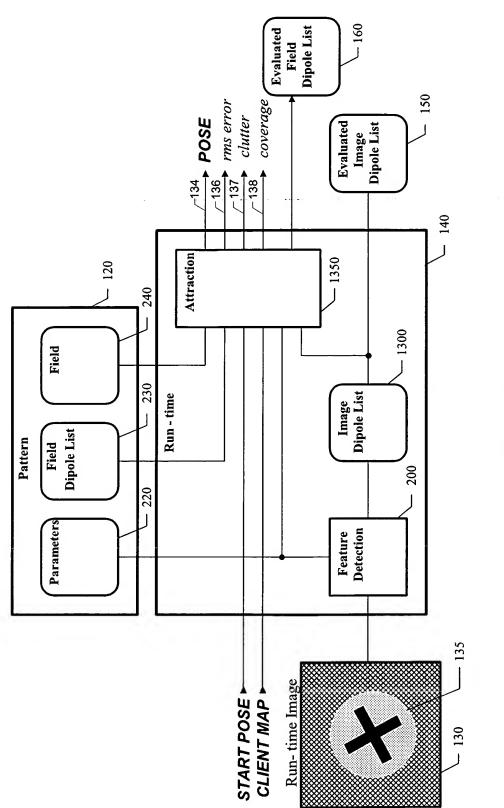


Figure 13

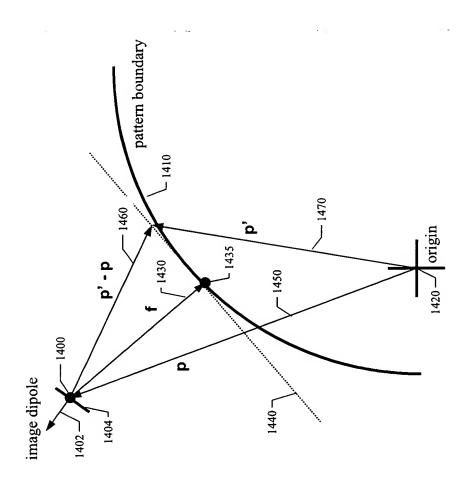
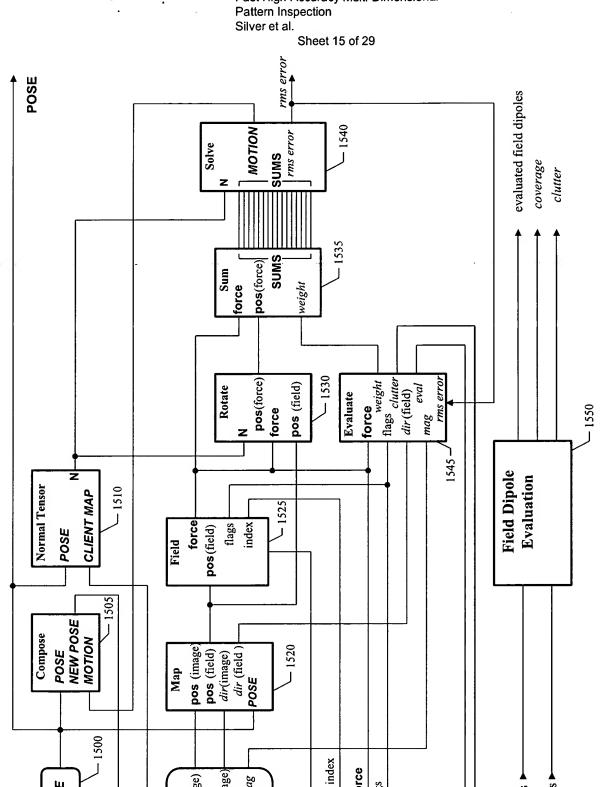


Figure 14

10/705,298 Fast High-Accuracy Multi-Dimensional



force

flags

eval

field dipoles ▶

parameters ▶

Dipole pos(image)

image dipole▶ list

CLIENT MAP

POSE

START

dir (image) mag

1515

field 🔽

Sheet 16 of 29

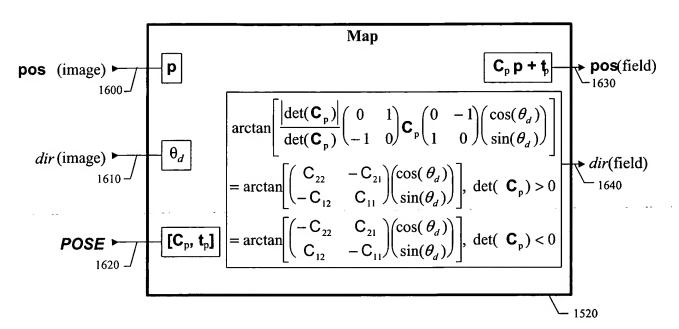


Figure 16

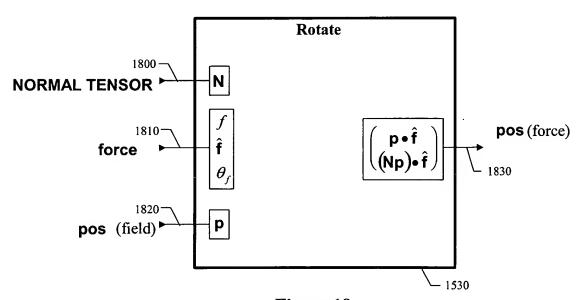


Figure 18

Sheet 17 of 29

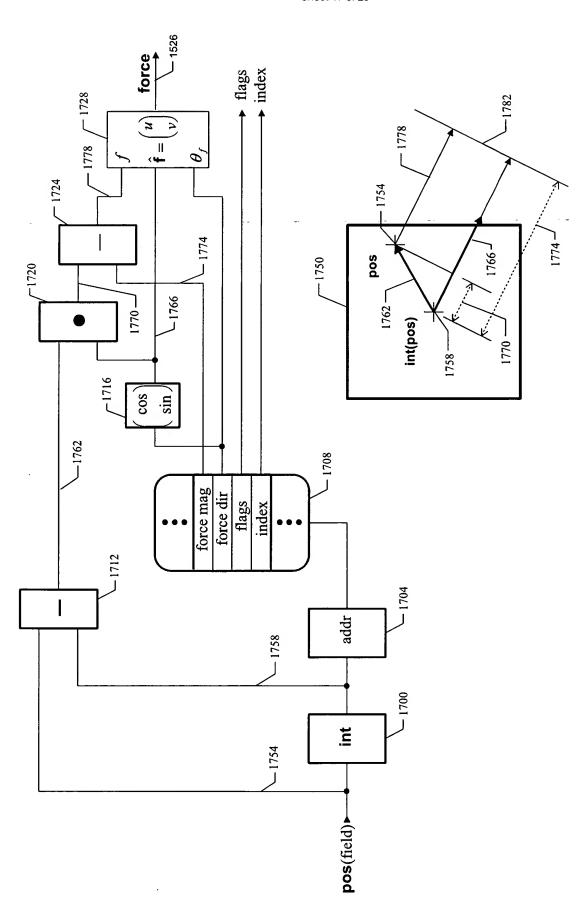


Figure 17

Sheet 18 of 29

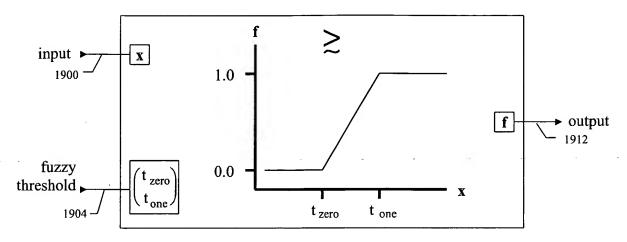


Figure 19a

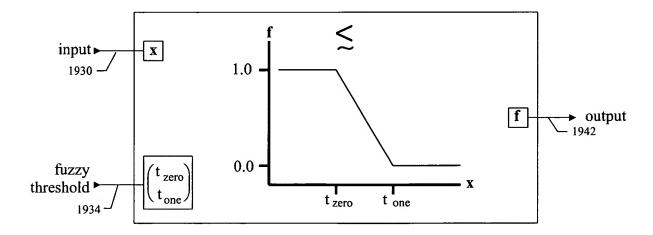


Figure 19b

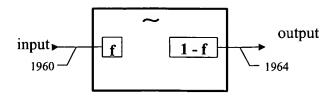
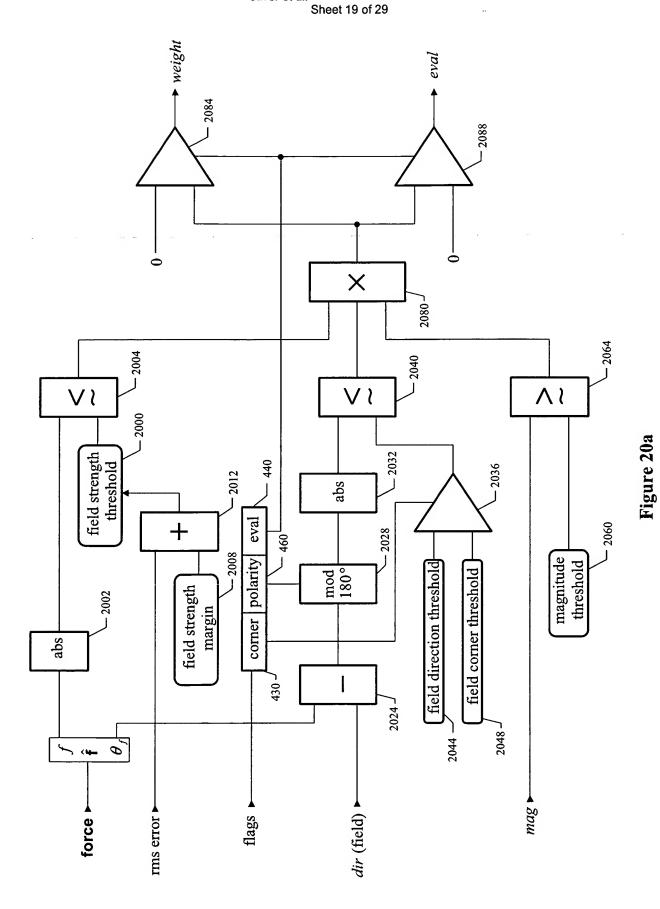
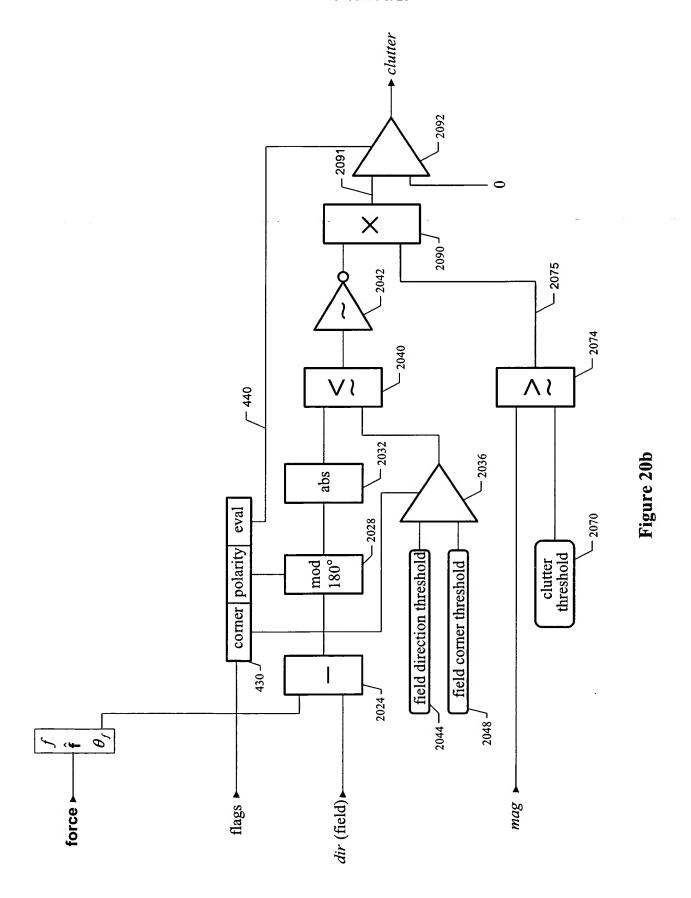


Figure 19c



Sheet 20 of 29



Sheet 21 of 29

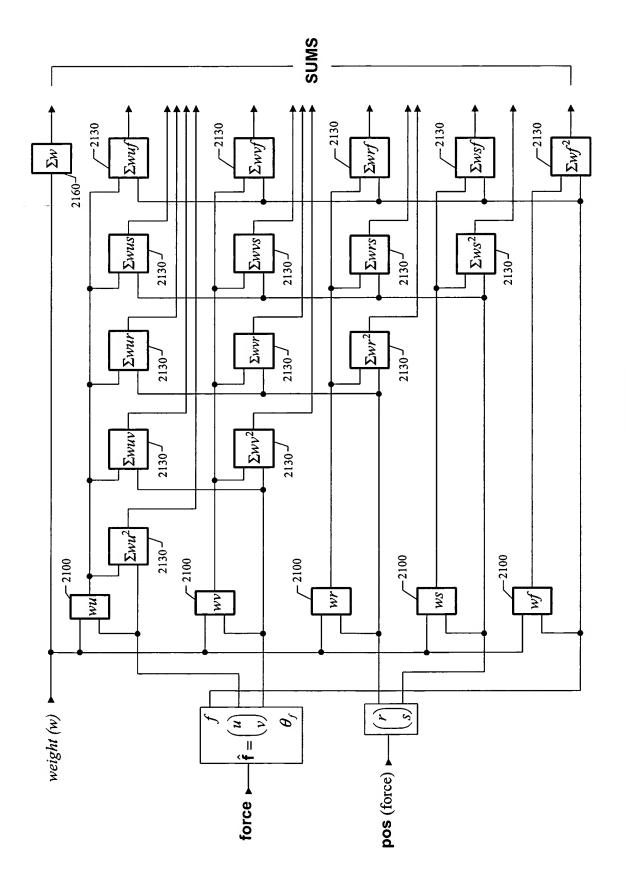


Figure 21

Sheet 22 of 29

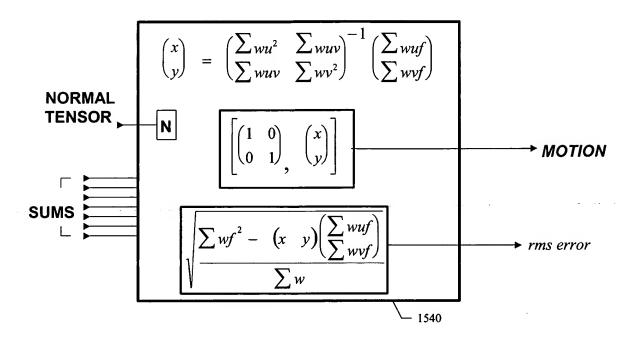


Figure 22a

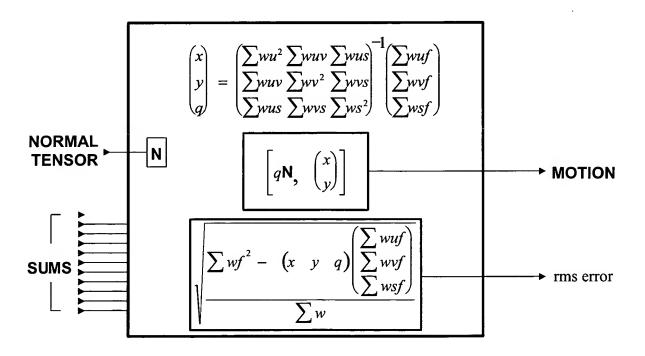


Figure 22b

Sheet 23 of 29

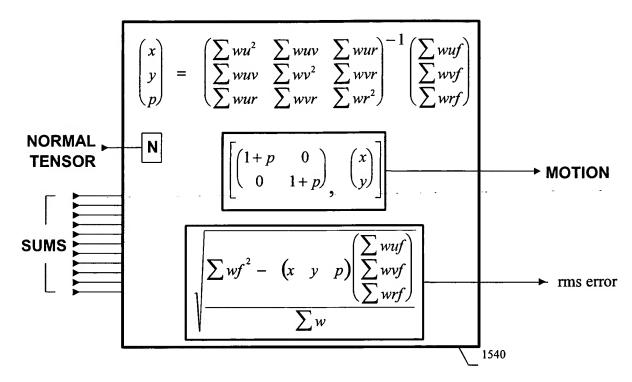


Figure 22c

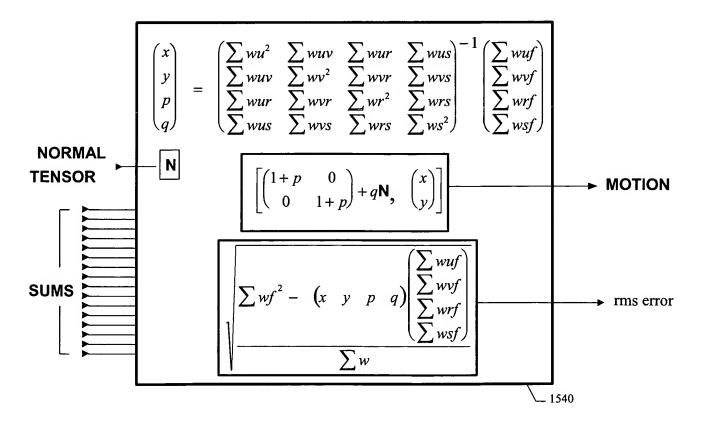


Figure 22d

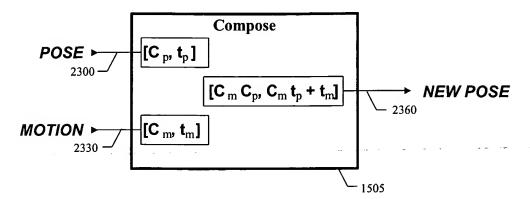


Figure 23

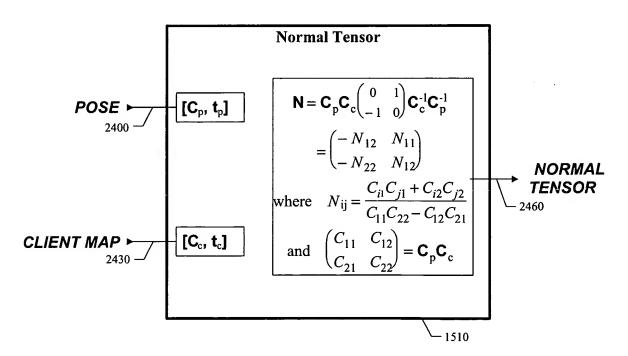


Figure 24

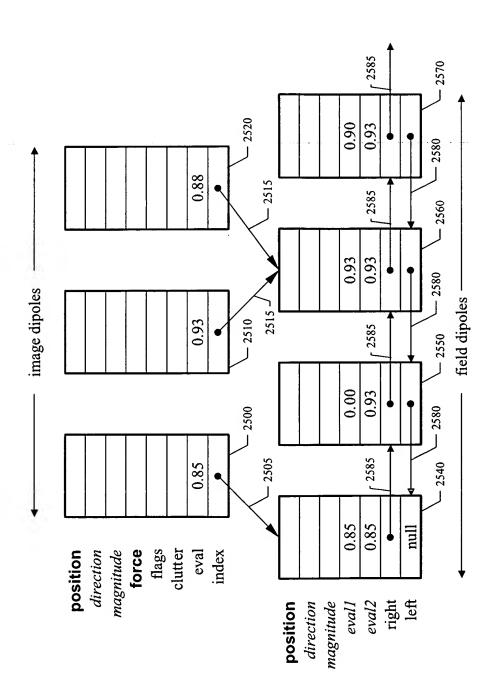


Figure 25

10/705,298
Fast High-Accuracy Multi-Dimensional Pattern Inspection
Silver et al.

Sheet 26 of 29

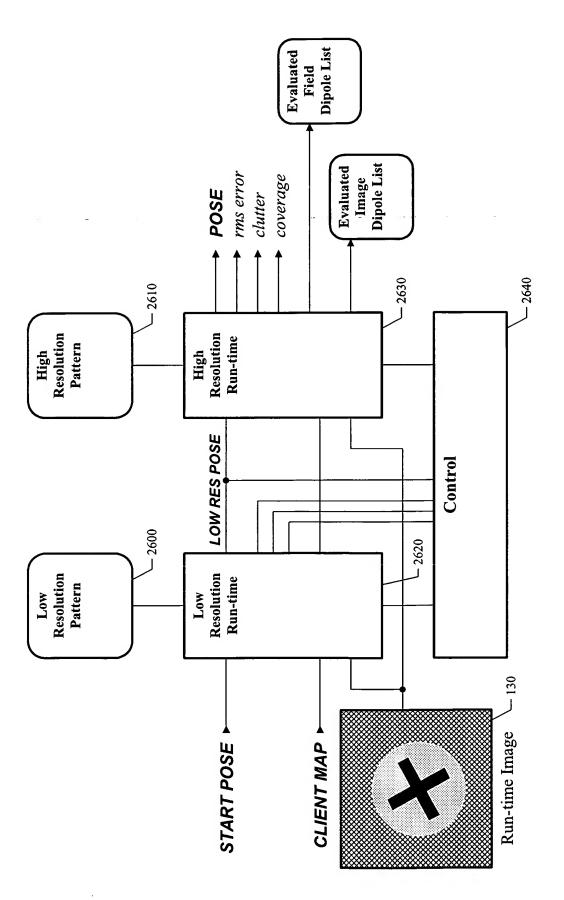
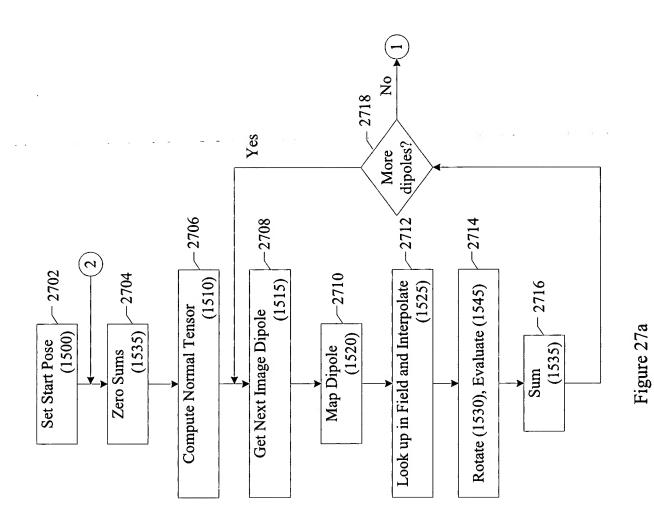


Figure 26



10/705,298
Fast High-Accuracy Multi-Dimensional Pattern Inspection
Silver et al.

Sheet 28 of 29

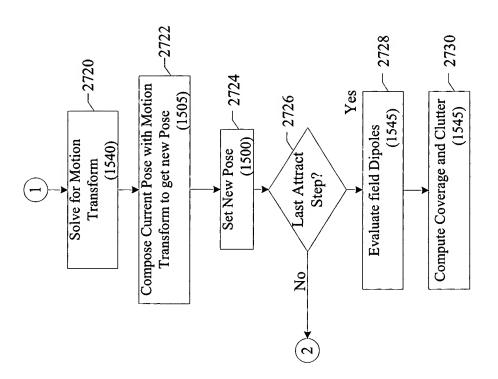


Figure 27b



